

ABSTRACT

The present invention relates to methods and kits for high throughput determination of antigen expression in a sample, wherein a population of antigens, which have been pre-selected and then detectably labeled, are screened against an array of defined antibodies. The methods of the invention allow for the simultaneous analysis of a multitude of antigens, wherein the pre-selection and labeling of the antigens confers increased sensitivity which permits the detection of antigens which were hitherto difficult to detect using conventional labeling methods.